

FIG. 1
Prior Art

1st Number	2nd Number	3rd Number	4th Number
1	-	2	-
	2	-	2
	-	3	-
	3	-	4
	-	2	-
	4	-	4
	-	3	-
4	-	3	-
	2	-	2
	-	3	-
	3	-	6

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FIG. 2

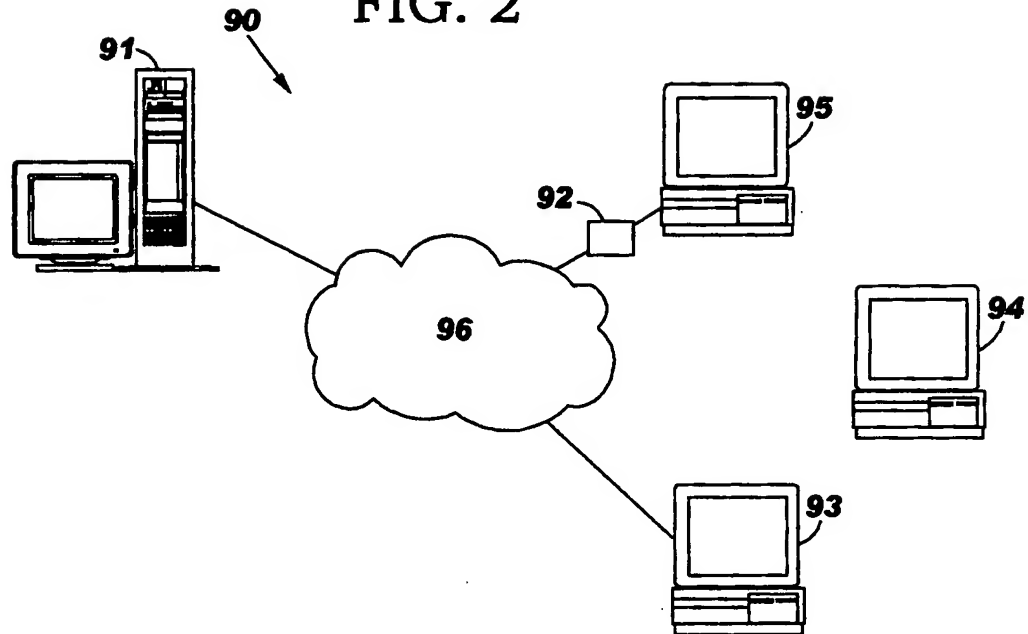
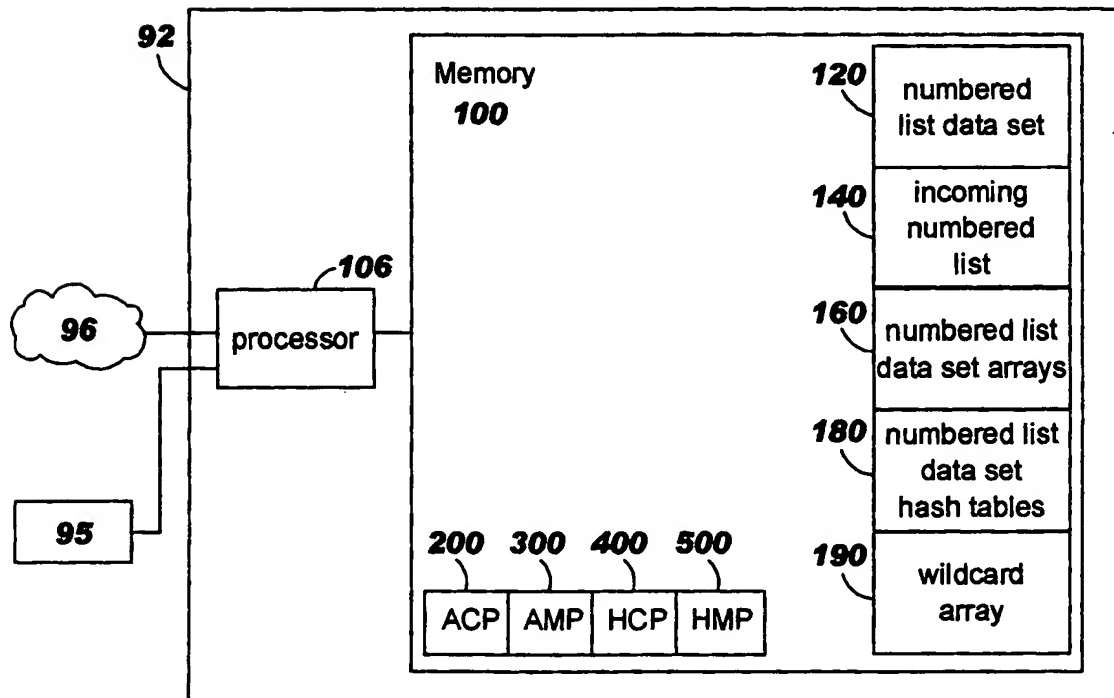
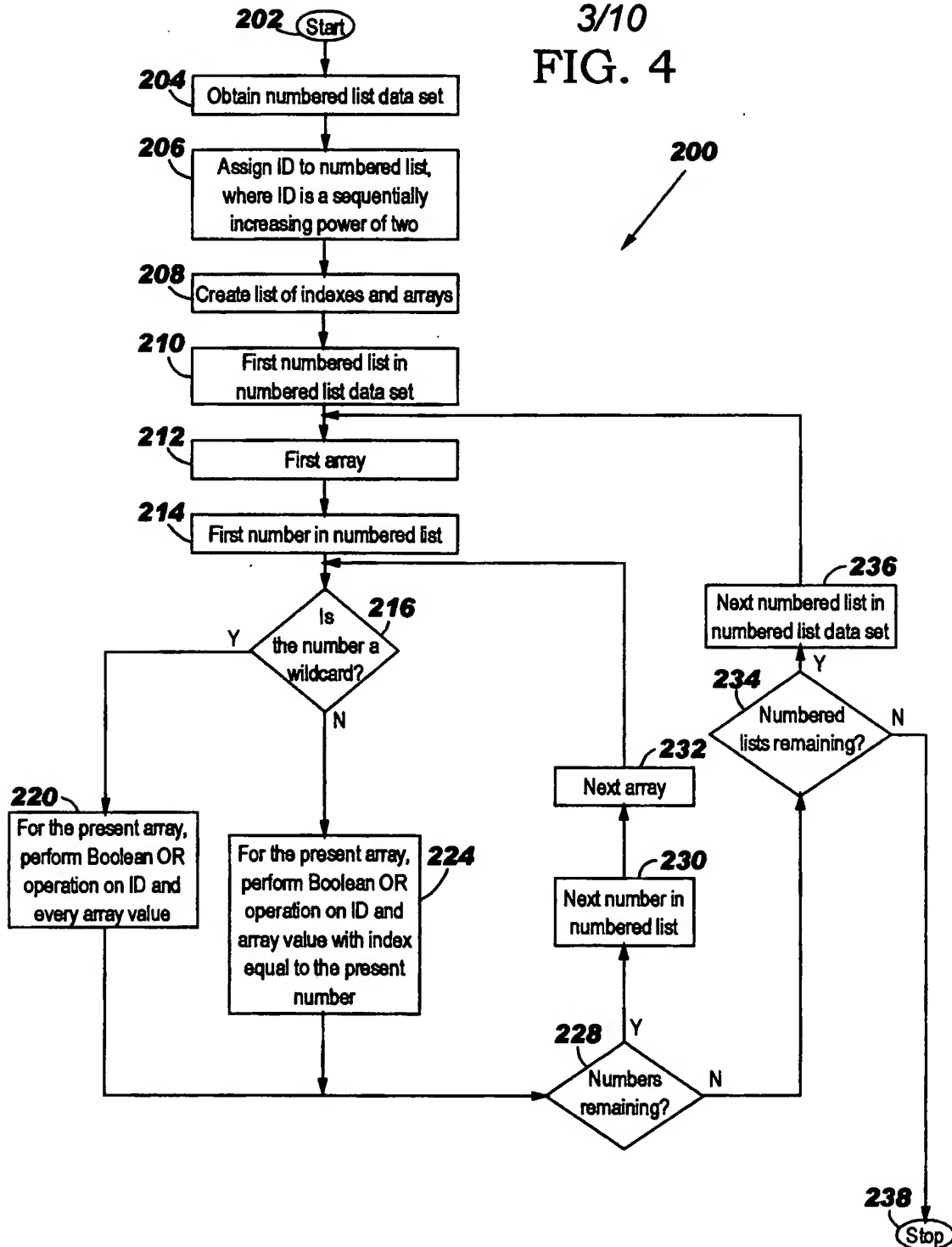


FIG. 3



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FIG. 4



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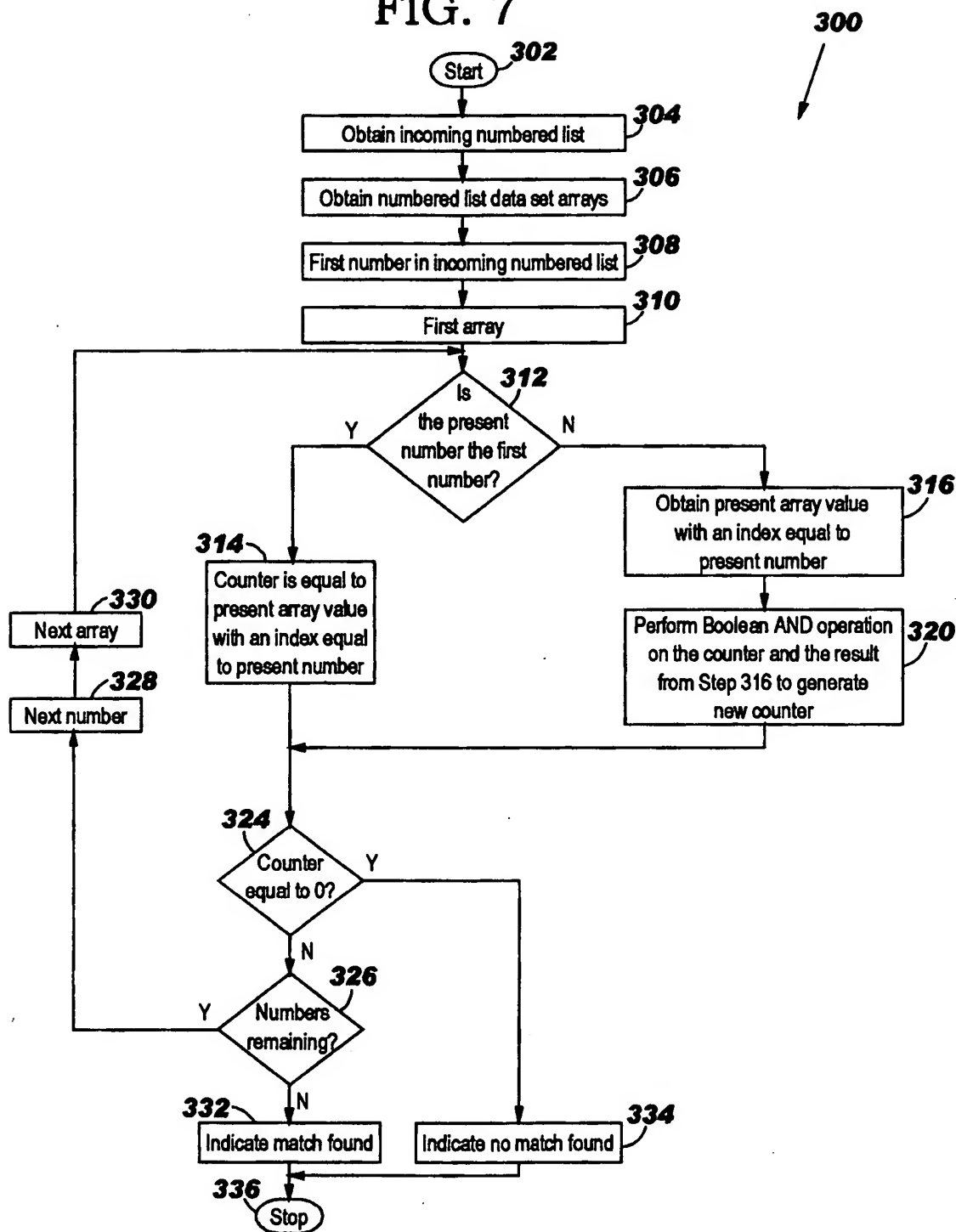
FIG. 5

282 numbered list	284 ID
1.2.3.4	1
1.2.*.5	2
1.1.3.4	4
..5.4	8

FIG. 6

286 Index	288 Array 1	290 Array 2	292 Array 3	294 Array 4
0	0x8	0x8	0x2	0x0
1	0xF	0xC	0x2	0x0
2	0x8	0xB	0x2	0x0
3	0x8	0x8	0x7	0x0
4	0x8	0x8	0x2	0xD
5	0x8	0x8	0xA	0x2
6	0x8	0x8	0x2	0x0
7	0x8	0x8	0x2	0x0
8	0x8	0x8	0x2	0x0
9	0x8	0x8	0x2	0x0
A	0x8	0x8	0x2	0x0
B	0x8	0x8	0x2	0x0
C	0x8	0x8	0x2	0x0
D	0x8	0x8	0x2	0x0
E	0x8	0x8	0x2	0x0
F	0x8	0x8	0x2	0x0

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FIG. 7



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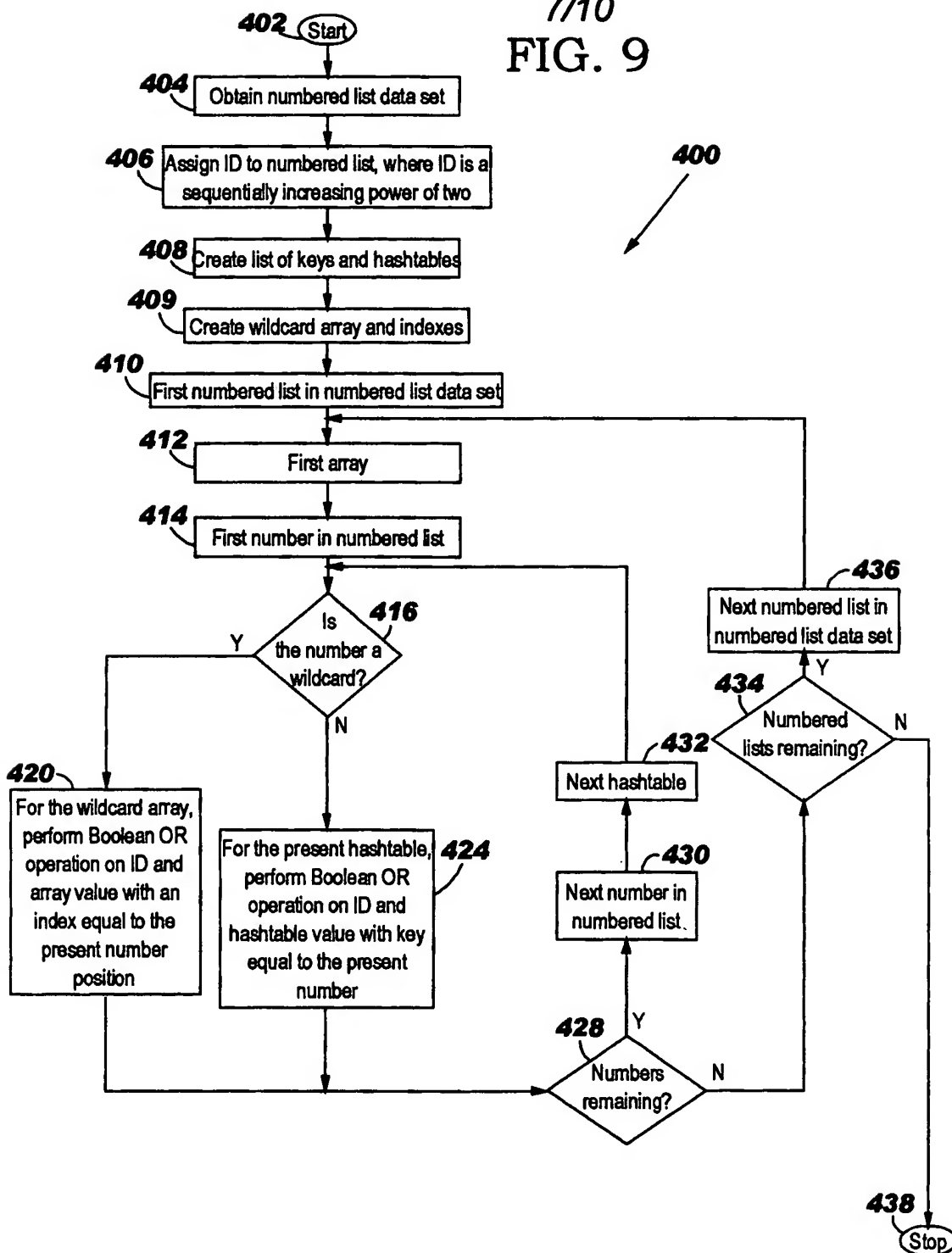
FIG. 8A

382	384	386	388
Number	Array Value	Counter at Step 312	Counter at Step 324
1	0xF	N/A	0xF
2	0xB	0xF	0xB
6	0x2	0xB	0x2
5	0x2	0x2	0x2

FIG. 8B

382	384	386	388
Number	Array Value	Counter at Step 312	Counter at Step 324
2	0x8	N/A	0x8
3	0x8	0x8	0x8
2	0x2	0x8	0x0
5	Not obtained	Not calculated	Not calculated

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FIG. 9



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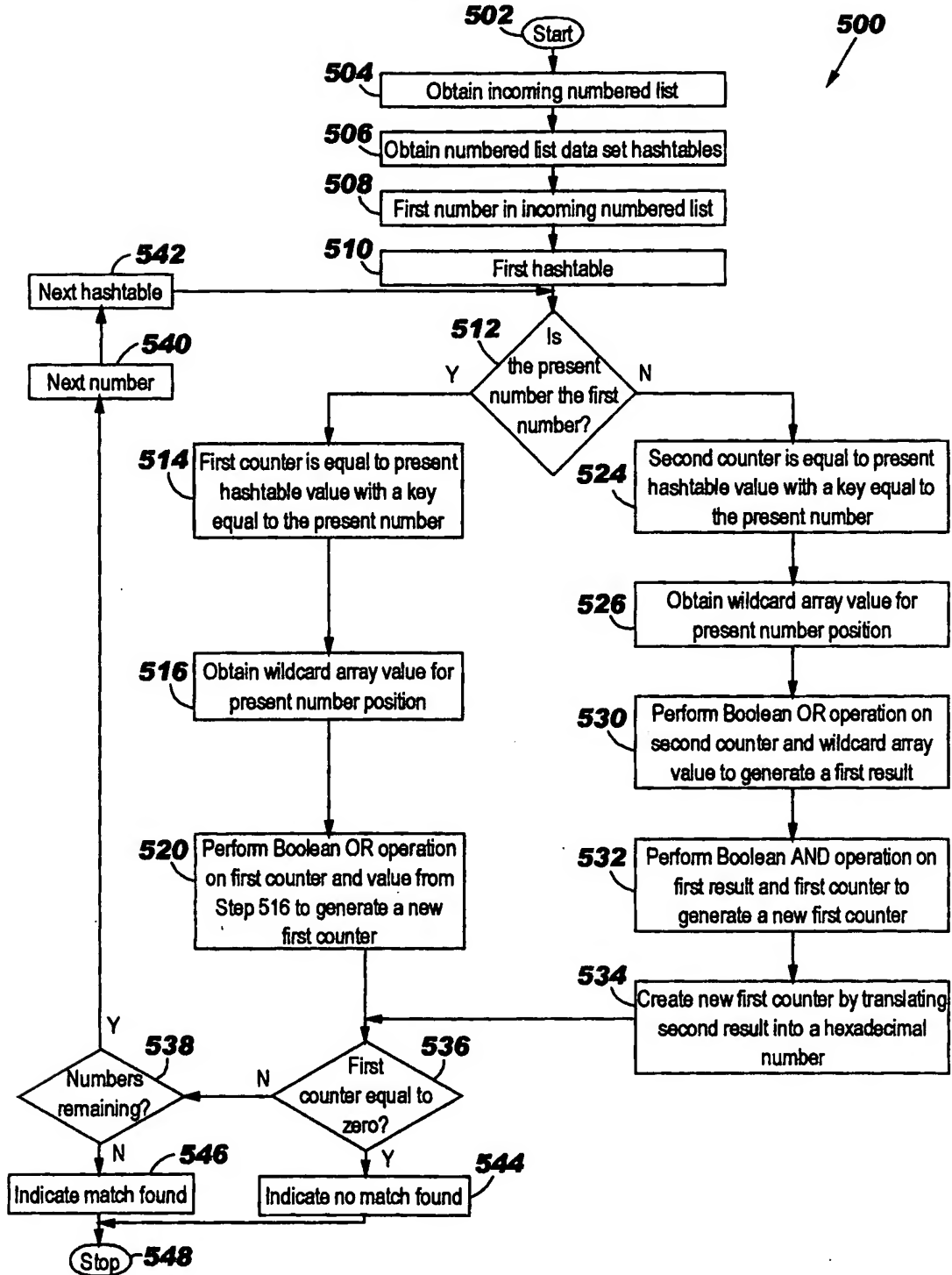
FIG. 10

480 Key	482 Hashtable 1	484 Hashtable 2	486 Hashtable 3	488 Hashtable 4
1	0x7	0x4		
2		0x3		
3			0x5	
4				0xD
5			0x8	0x2

FIG. 11

490 Index	492 Wildcard Array
1	0x8
2	0x8
3	0x2
4	0x0

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FIG. 12



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FIG. 13A

580 Number	582 Hashtable Value	584 Wildcard array value	586 First counter at step 512	588 Second counter at step 524	590 First result at step 520/530	592 Second result at step 532	594 First counter at step 536
1	0x7	0x8	N/A	N/A	1111	N/A	0xF
2	0x3	0x8	0xF	0x3	1011	1011	0xB
6	0x0	0x2	0xB	0x0	0010	0010	0x2
5	0x2	0x0	0x2	0x2	0010	0010	0x2

FIG. 13B

580 Number	582 Hashtable Value	584 Wildcard array value	586 First counter at step 512	588 Second counter at step 524	590 First result at step 520/530	592 Second result at step 532	594 First counter at step 536
2	0x0	0x8	N/A	N/A	1000	N/A	0x8
3	0x0	0x8	0x8	0x0	1000	1000	0x8
2	0x0	0x2	0x8	0x0	0010	0000	0x0
5	Not obtained	Not obtained	Not calculated	Not calculated	Not calculated	Not calculated	Not calculated